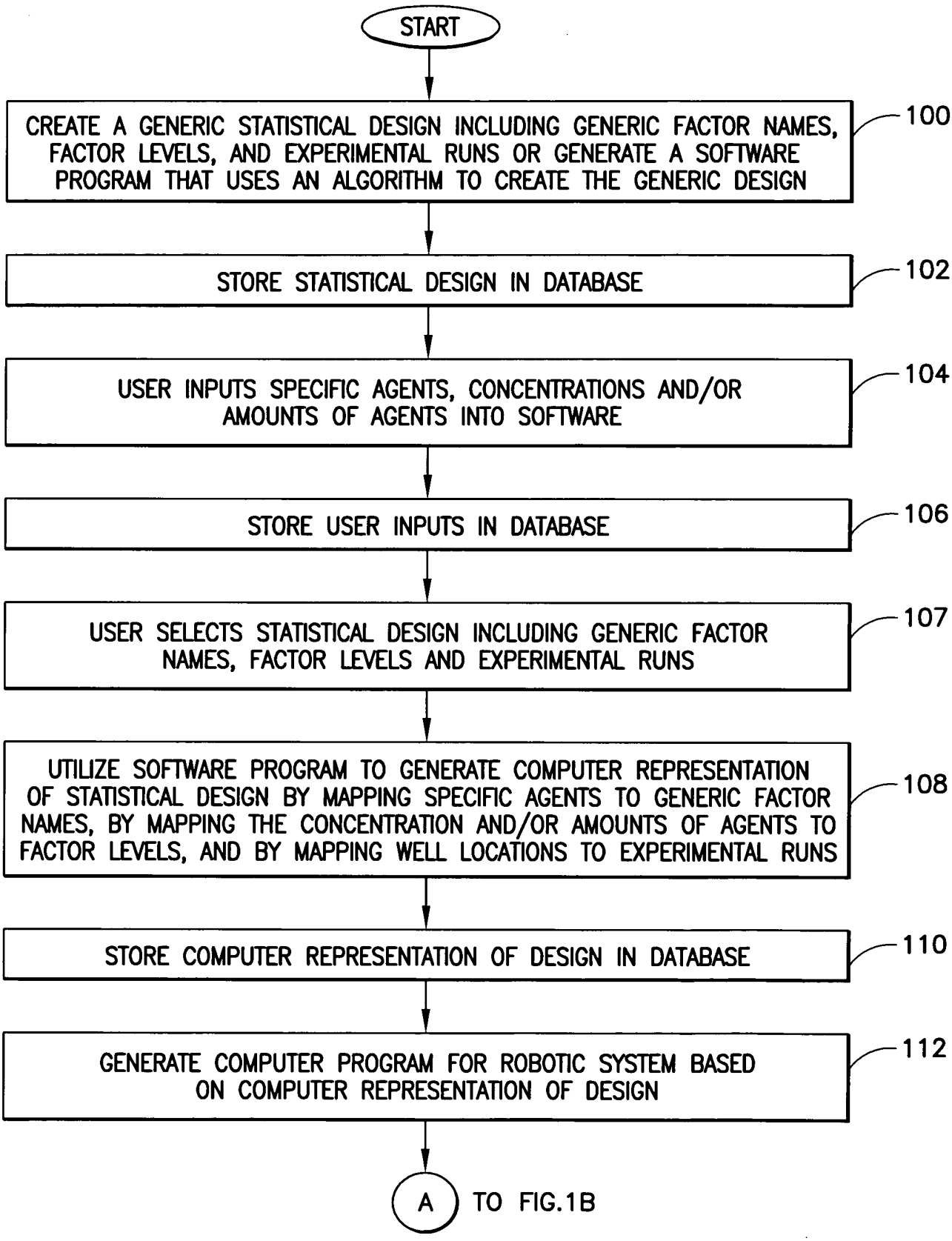


FIG.1A

FIG.1B-1
FIG.1B-2

FIG.1B

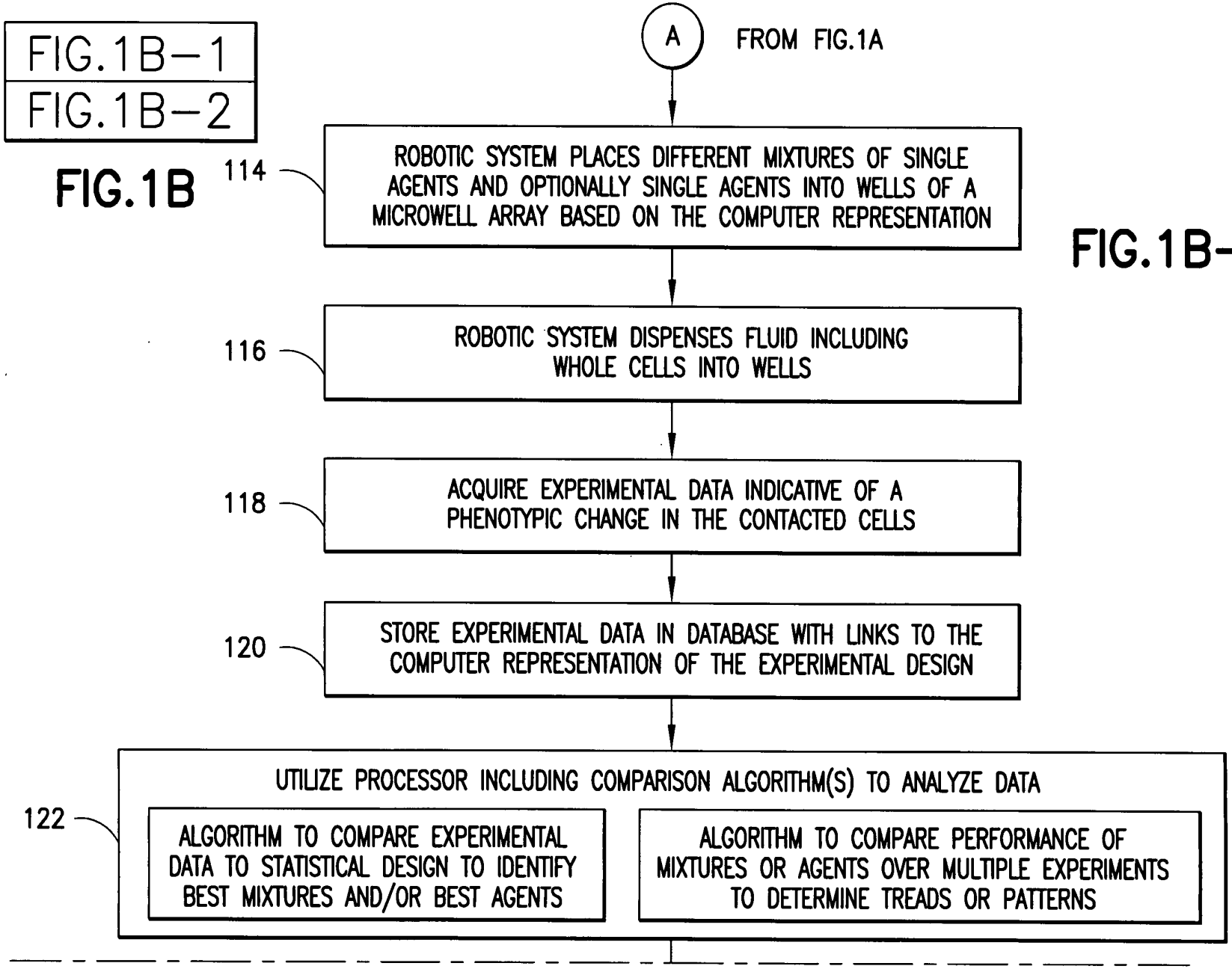


FIG.1B-1

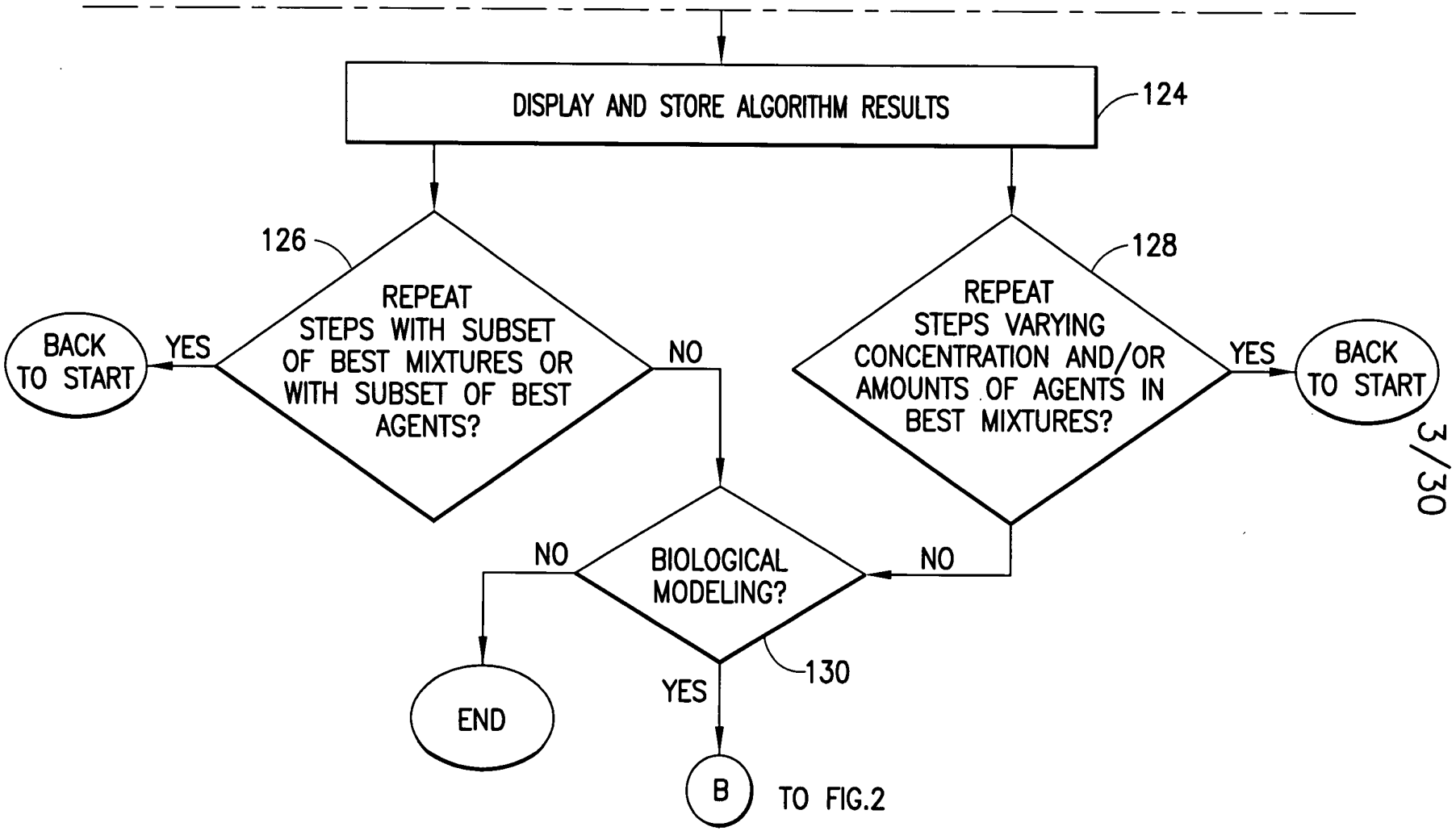

DISPLAY AND STORE ALGORITHM RESULTS
124
126
REPEAT STEPS WITH SUBSET OF BEST MIXTURES OR WITH SUBSET OF BEST AGENTS?
YES
BACK TO START
NO
128
REPEAT STEPS VARYING CONCENTRATION AND/OR AMOUNTS OF AGENTS IN BEST MIXTURES?
YES
BACK TO START
NO
BIOLOGICAL MODELING?
NO
YES
130
END
B
TO FIG.2

FIG.1B–2

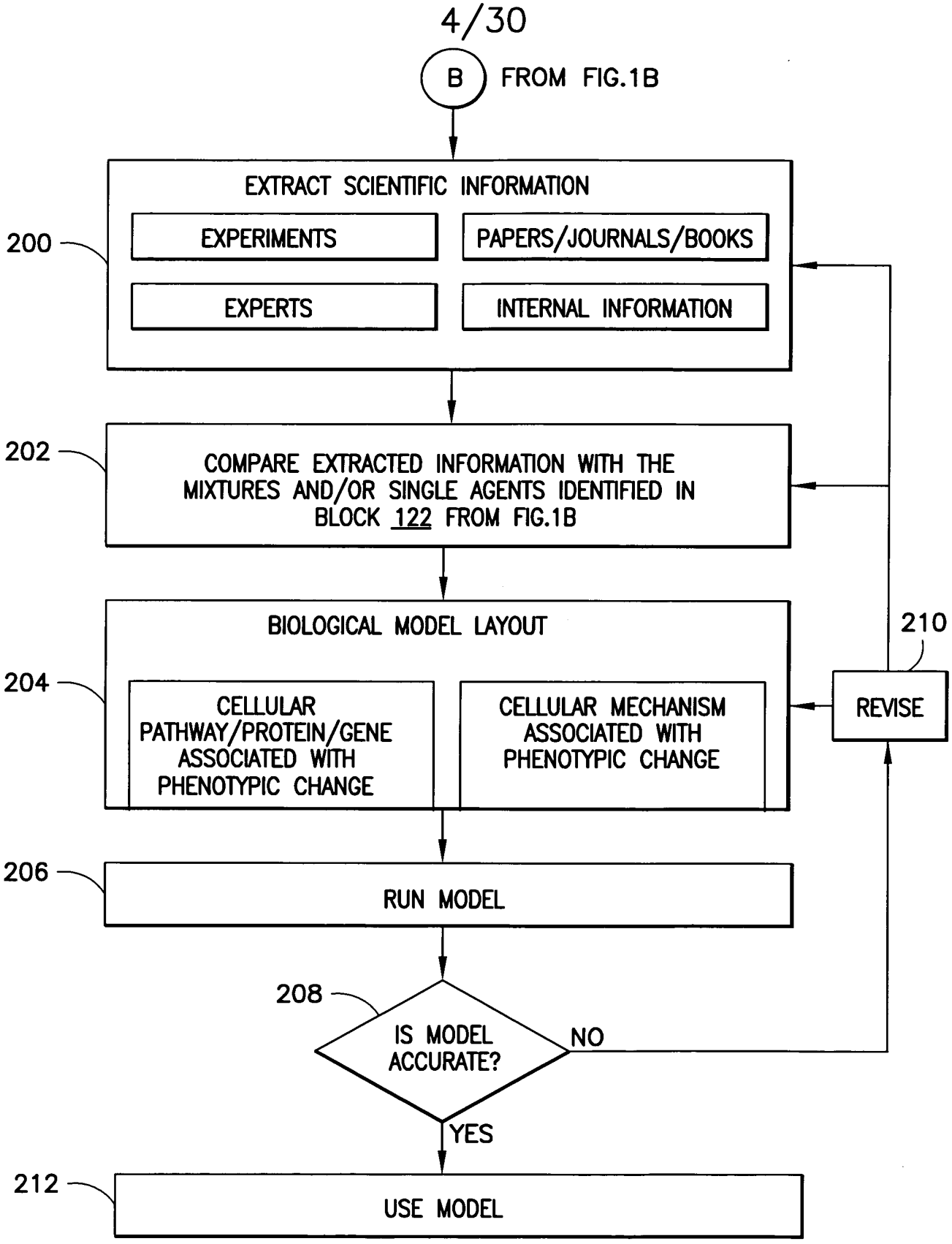

B
FROM FIG.1B
EXTRACT SCIENTIFIC INFORMATION
EXPERIMENTS
PAPERS/JOURNALS/BOOKS
EXPERTS
INTERNAL INFORMATION
200
COMPARE EXTRACTED INFORMATION WITH THE MIXTURES AND/OR SINGLE AGENTS IDENTIFIED IN BLOCK 122 FROM FIG.1B
202
BIOLOGICAL MODEL LAYOUT
CELLULAR PATHWAY/PROTEIN/GENE ASSOCIATED WITH PHENOTYPIC CHANGE
CELLULAR MECHANISM ASSOCIATED WITH PHENOTYPIC CHANGE
204
REVISE
210
RUN MODEL
206
IS MODEL ACCURATE?
208
NO
YES
USE MODEL
212

FIG.2

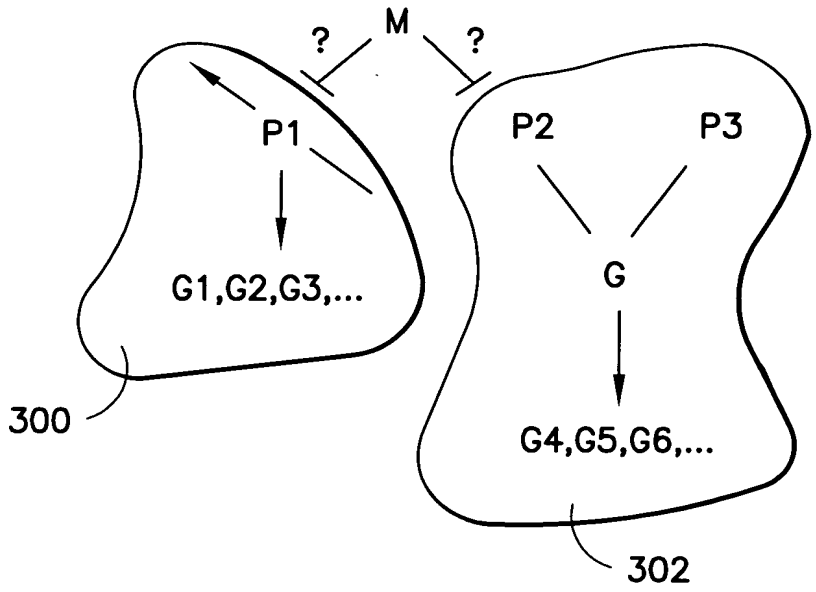


FIG.3

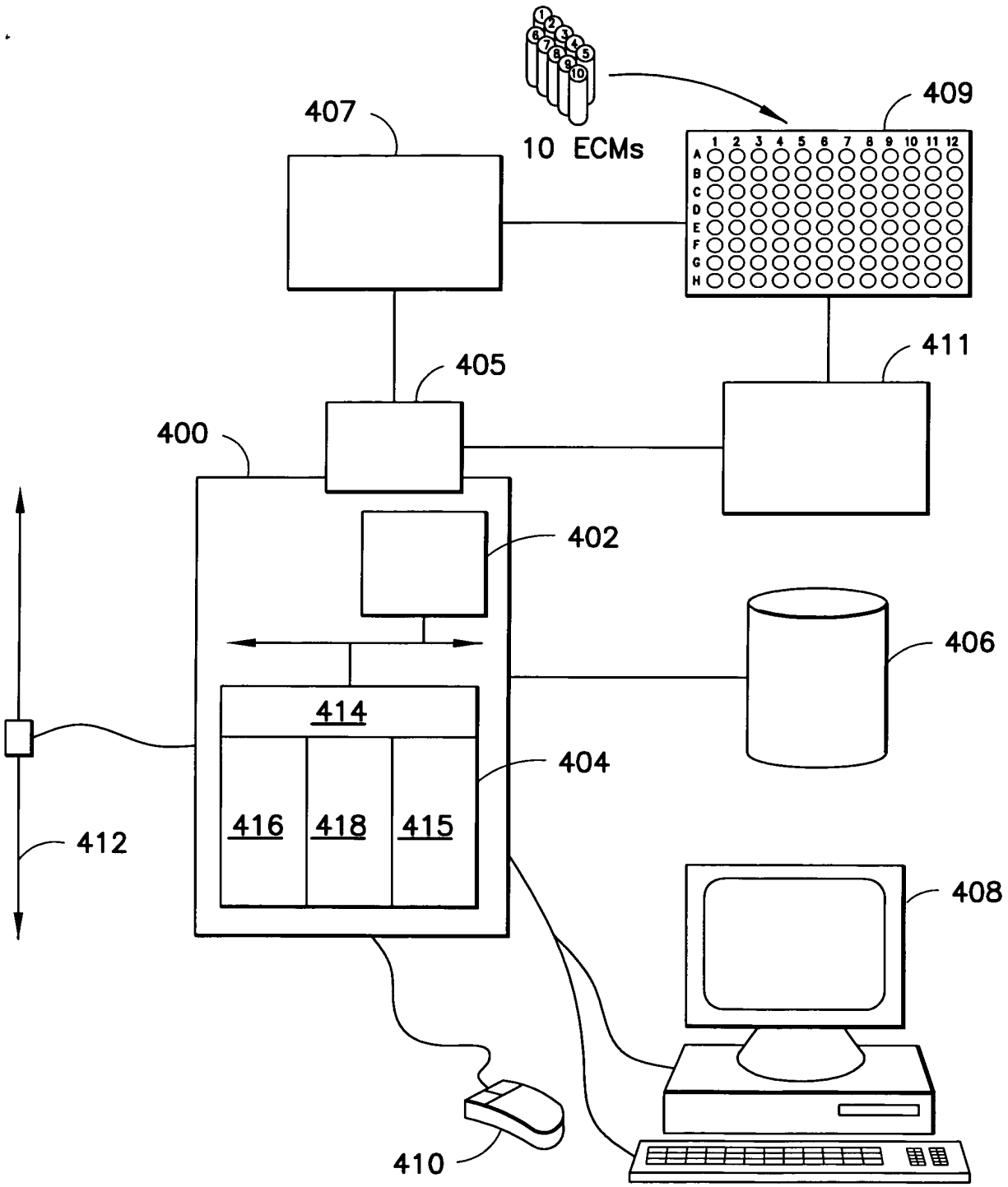

10 ECMs
407
409
411
405
400
402
406
414
404
416
418
415
412
408
410

FIG.4

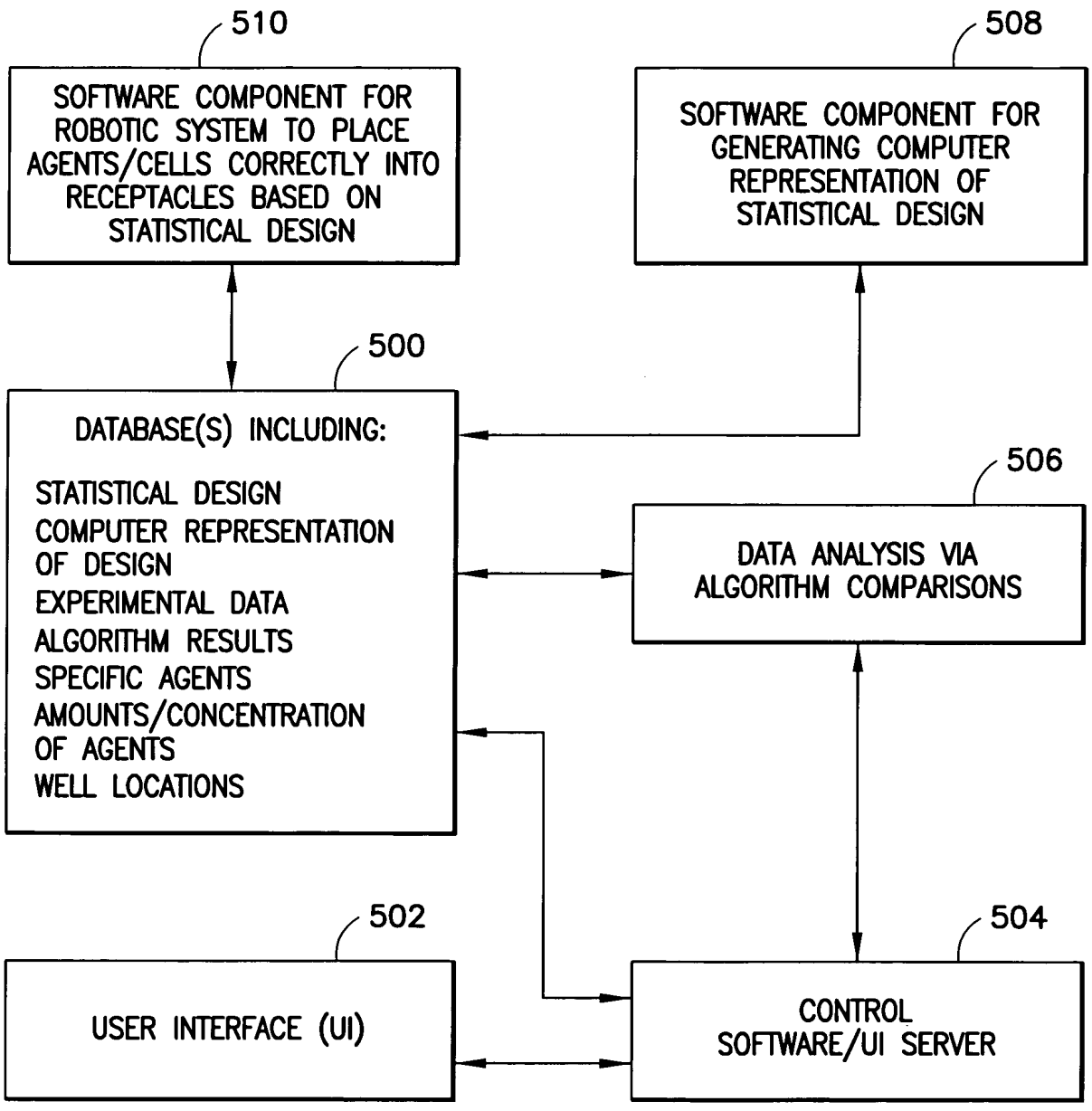

510
SOFTWARE COMPONENT FOR ROBOTIC SYSTEM TO PLACE AGENTS/CELLS CORRECTLY INTO RECEPTACLES BASED ON STATISTICAL DESIGN
508
SOFTWARE COMPONENT FOR GENERATING COMPUTER REPRESENTATION OF STATISTICAL DESIGN
500
DATABASE(S) INCLUDING:
STATISTICAL DESIGN
COMPUTER REPRESENTATION OF DESIGN
EXPERIMENTAL DATA
ALGORITHM RESULTS
SPECIFIC AGENTS
AMOUNTS/CONCENTRATION OF AGENTS
WELL LOCATIONS
506
DATA ANALYSIS VIA ALGORITHM COMPARISONS
502
USER INTERFACE (UI)
504
CONTROL SOFTWARE/UI SERVER

FIG.5

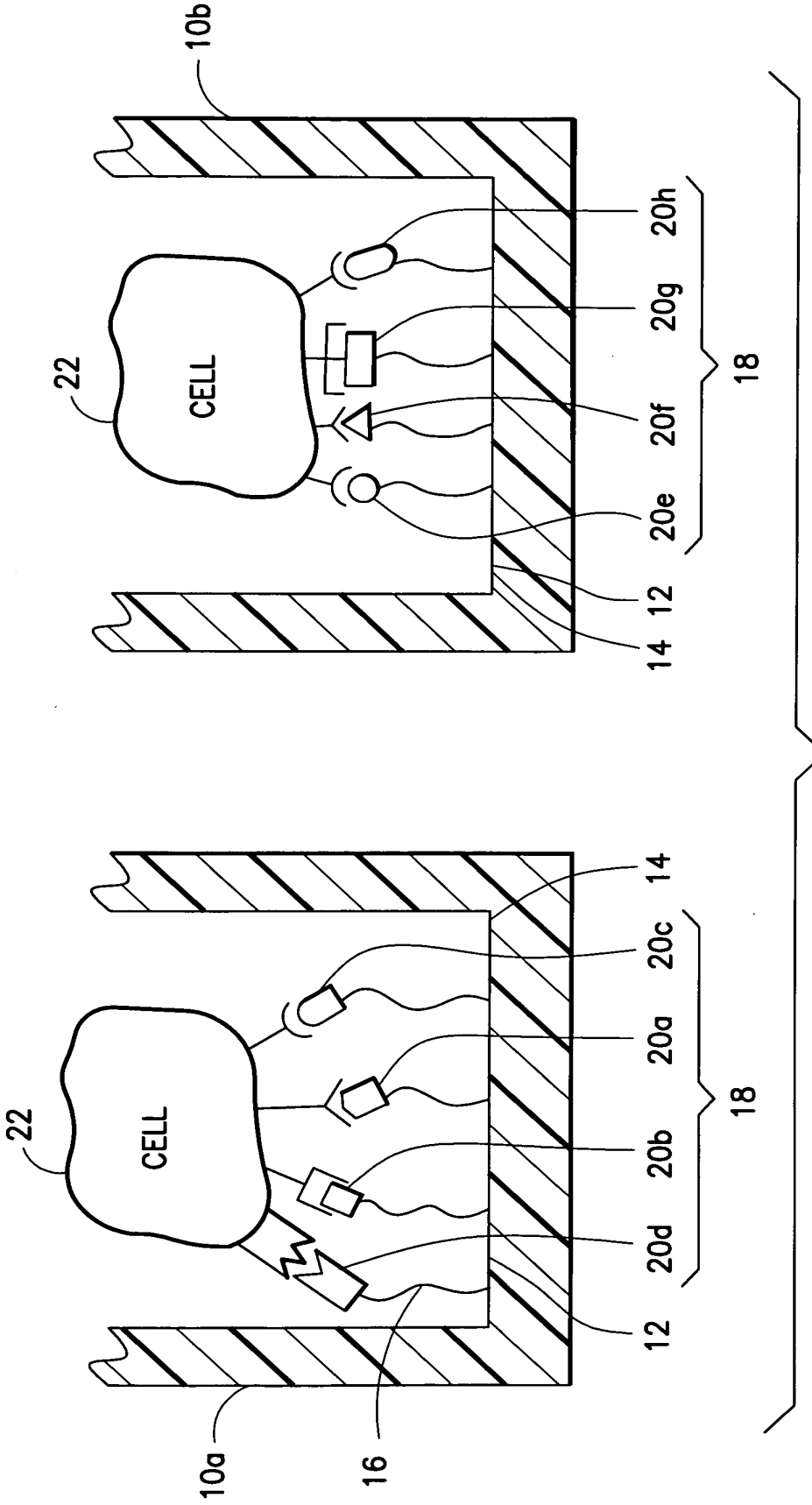

10b
22
CELL
20h
20g
20f
20e
18
12
14
22
CELL
14
20c
20a
20b
20d
18
12
10a
16

FIG.6

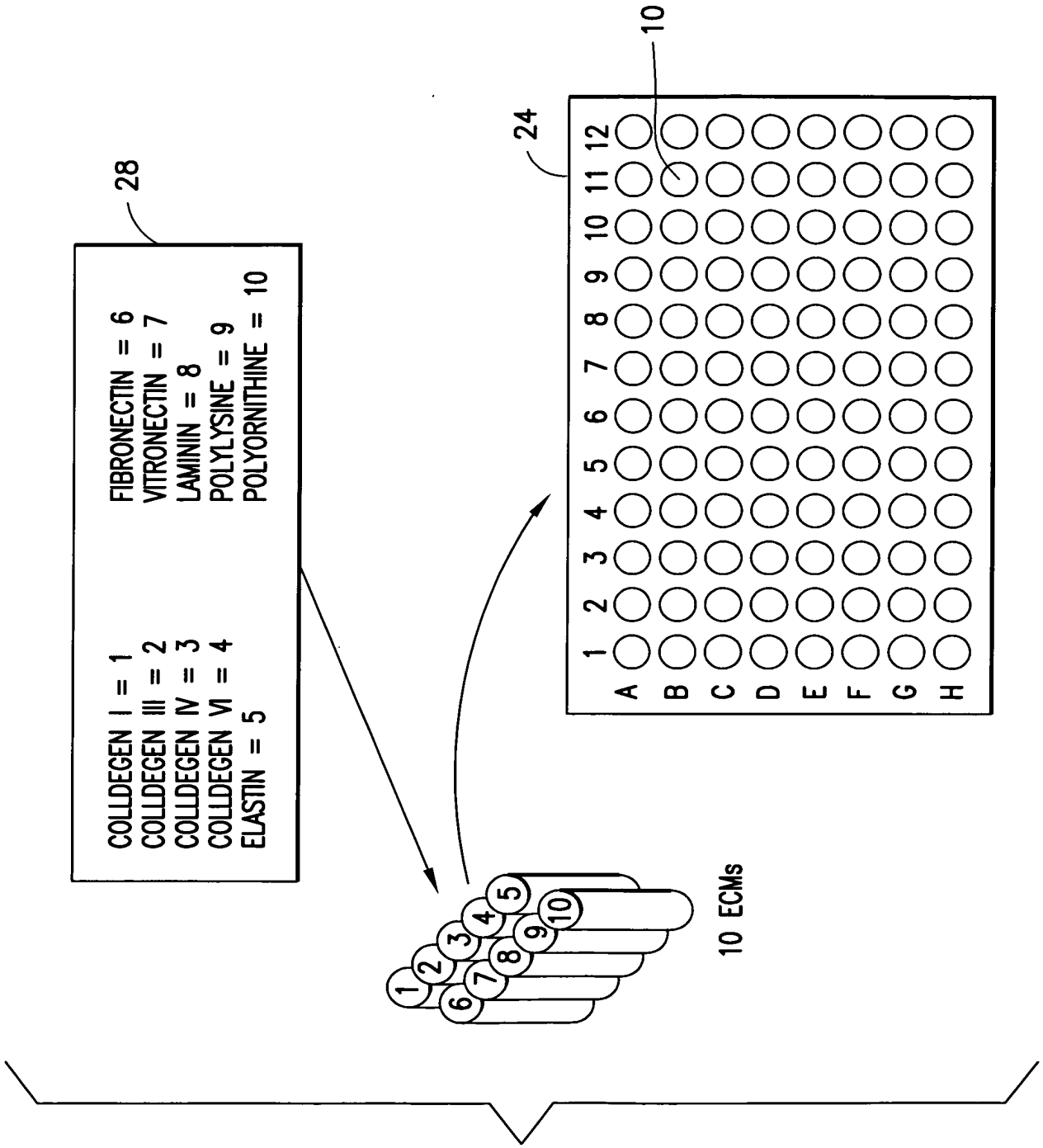
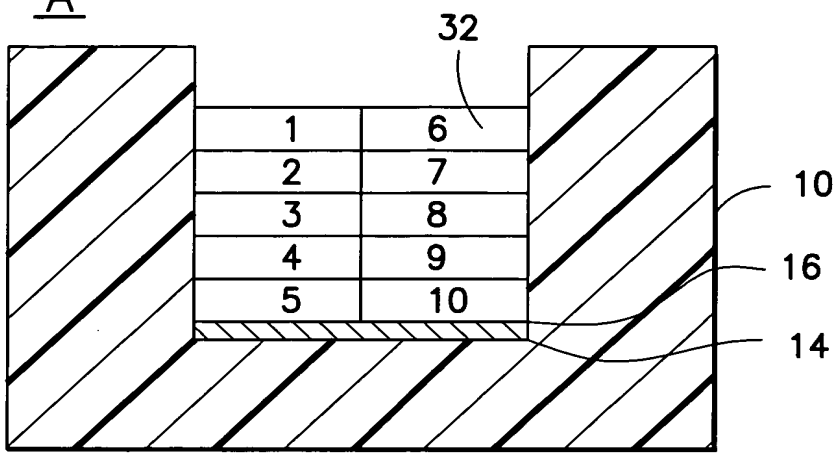

28
COLLDEGEN I = 1
COLLDEGEN III = 2
COLLDEGEN IV = 3
COLLDEGEN VI = 4
ELASTIN = 5
FIBRONECTIN = 6
VITRONECTIN = 7
LAMININ = 8
POLYLYSINE = 9
POLYORNITHINE = 10
24
10
1 2 3 4 5 6 7 8 9 10 11 12
A
B
C
D
E
F
G
H
1
2
3
4
5
6
7
8
9
10
10 ECMs

FIG.7

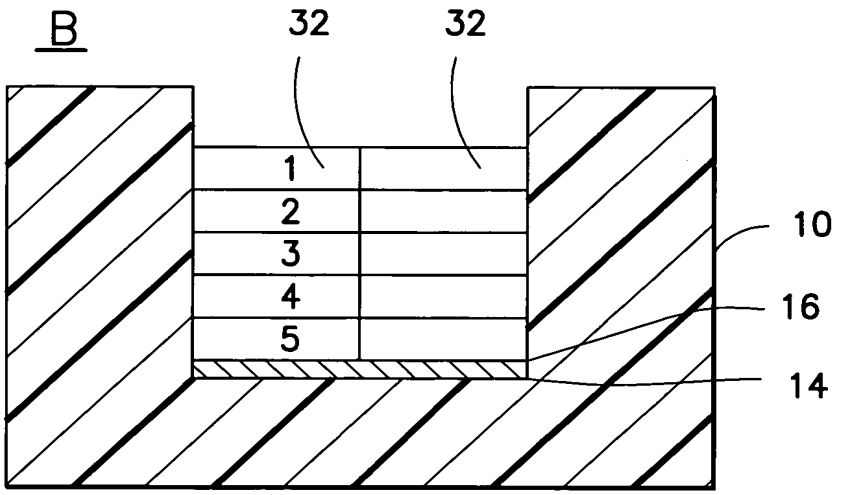
FIG.8

A



CASE 1: ALL 10 FACTORS ARE PRESENT
OVERALL FACTOR CONCENTRATION =[10/10] = [1]
[1] FACTOR/WELL

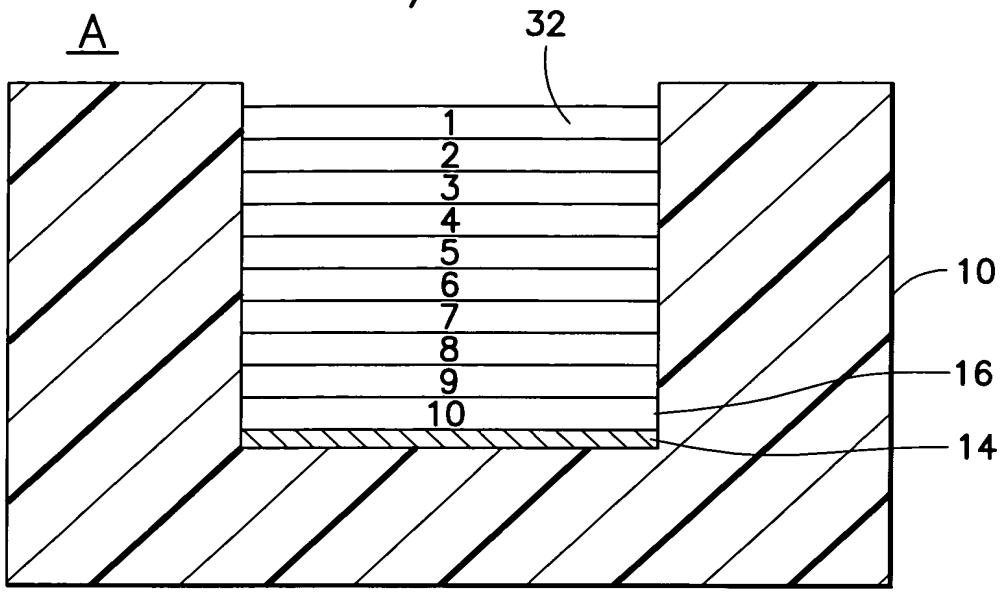
B



CASE 2: 5 OUT OF 10 FACTORS ARE PRESENT
OVERALL FACTOR CONCENTRATION =[5/10] = [0.5]
[0.5] FACTOR/WELL

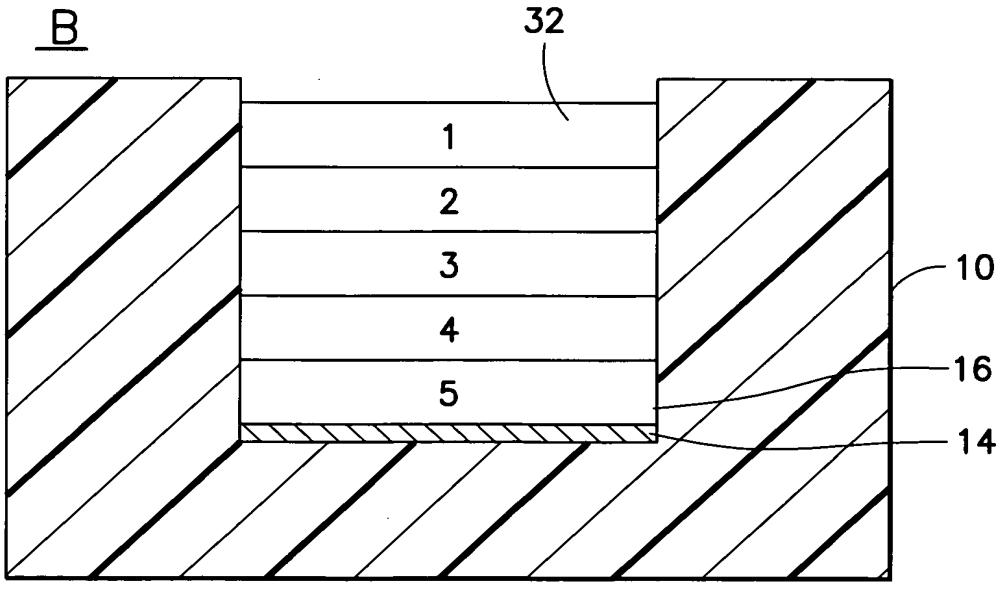
FIG.9

A



CASE 1: ALL 10 FACTORS ARE PRESENT
OVERALL FACTOR CONCENTRATION =[10/10] = [1]
[1] FACTOR/WELL

B



CASE 2: 5 OUT OF 10 FACTORS ARE PRESENT
OVERALL FACTOR CONCENTRATION = [1]
[1] FACTOR/WELL

RUN	TYPE	A:FIBRONECTIN(μl)	B:COLLAGEN I(μl)	C:VITRONECTIN(μl)	D:COLLAGEN VI(μl)	E:COLLAGEN III(μl)
1	CentEdge			25		25
2	CentEdge	25				
3	CentEdge				25	
4	VERTEX					
5	CentEdge				25	
6	CentEdge	25	25			
7	CentEdge			25		
8	CentEdge					25
9	VERTEX			50		
10	CentEdge	25				
11	CENTER	5	5	5	5	5
12	VERTEX					
13	CentEdge	25				
14	CentEdge	25			25	
15	CentEdge	25				
16	CentEdge		25			
17	CentEdge					25
18	CENTER	5	5	5	5	5
19	CENTER	5	5	5	5	5
20	CentEdge				25	
21	CentEdge					25
22	CentEdge		25			
23	CentEdge	25				25
24	CentEdge			25	25	
25	VERTEX		50			
26	VERTEX	50				

FIG.10a

27 CentEdge				25	
28 VERTEX					50
29 CentEdge			25		
30 CentEdge		25			
31 VERTEX					
32 VERTEX					50
33 CentEdge				25	
34 CentEdge		25			25
35 CentEdge				25	
36 CentEdge					25
37 CentEdge			25		
38 CentEdge			25		
39 VERTEX					
40 CentEdge				25	25
41 CENTER	5	5	5	5	5
42 VERTEX					
43 CentEdge	25				
44 CentEdge	25		25		
45 CentEdge		25			
46 CentEdge		25	25		
47 CentEdge		25			
48 VERTEX				50	
49 CentEdge			25		
50 CentEdge			25		
51 CentEdge					25
52 CentEdge		25		25	

FIG.10b

F:LANININ(μl)	G:COLLAGEN IV(μl)	H:ELASTIN(μl)	J:POLY-L-LYSINE(μl)	K:POLY-L-ORNITHINE(μl)
		25		
		25		
			50	
				25
			25	
		25		
25				
5	5	5	5	5
	50			
	25			
				25
25				
25				
5	5	5	5	5
5	5	5	5	5
25				
	25			
		25		

FIG.10c

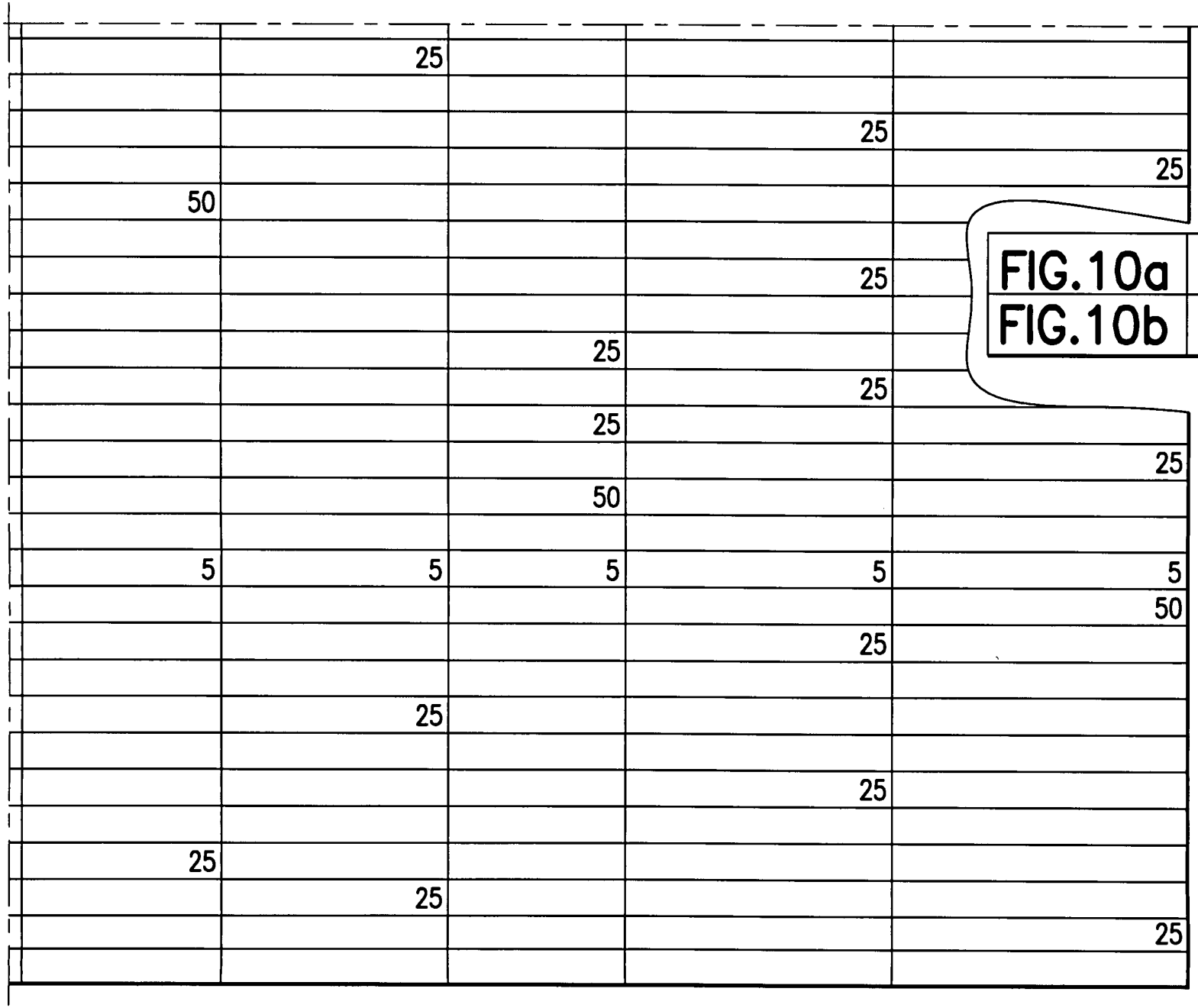


FIG.10a	FIG.10c
FIG.10b	FIG.10d

FIG.10

FIG.10d

	1	2	3	4	5	6	7	8	9	10	11	12
A												
B		VN/C III	FN/ELA	Col VI/ELA	PL	C VI/PO	FN/C I	VN/PL	C III/ELA	VN	FN/LAM	
C		MID	C IV	FN/C IV	FN/C VI	FN/PO	C I/LAM	C III/LAM	MID	MID	C VI/LAM	
D		C III/C IV	C I/ELA	FN/C III	VN/C VI	C I	FN	C VI/C IV	C III	VN/PL	C I/PO	
E		LAM	C III	C VI/PL	C I/C III	C III/PL	C III/PL	VN/ELA	VN/PO	ELA	C VI/C III	
F		MID	PO	FN/PL	FN/VN	C I/C IV	C I/PL	C I/VN	C IV	VN/LAM	VN/C IV	
G		C III/PO	C I/C VI									
H												
			MIDPOINT–CONTAINS ALL 10 ADHESION LIGANDS									
			SINGLE ADHESION LIGAND CONTAINING WELLS									

FIG.11

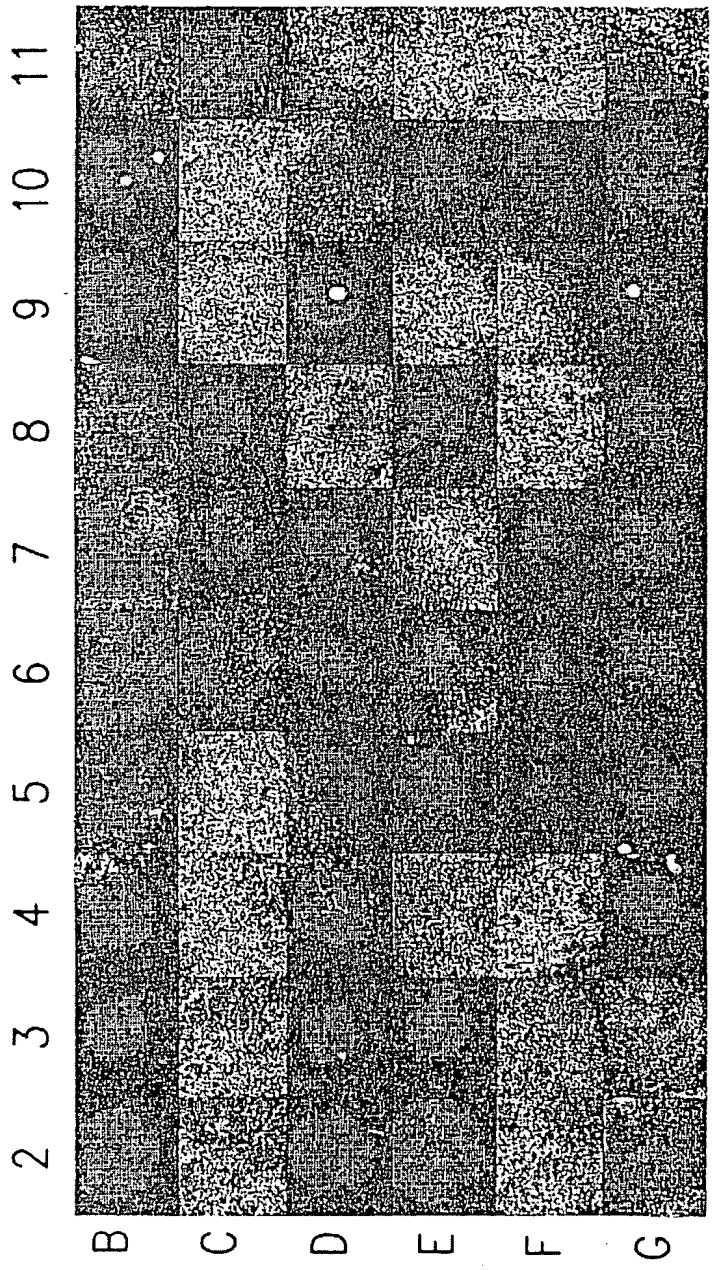


FIG.12

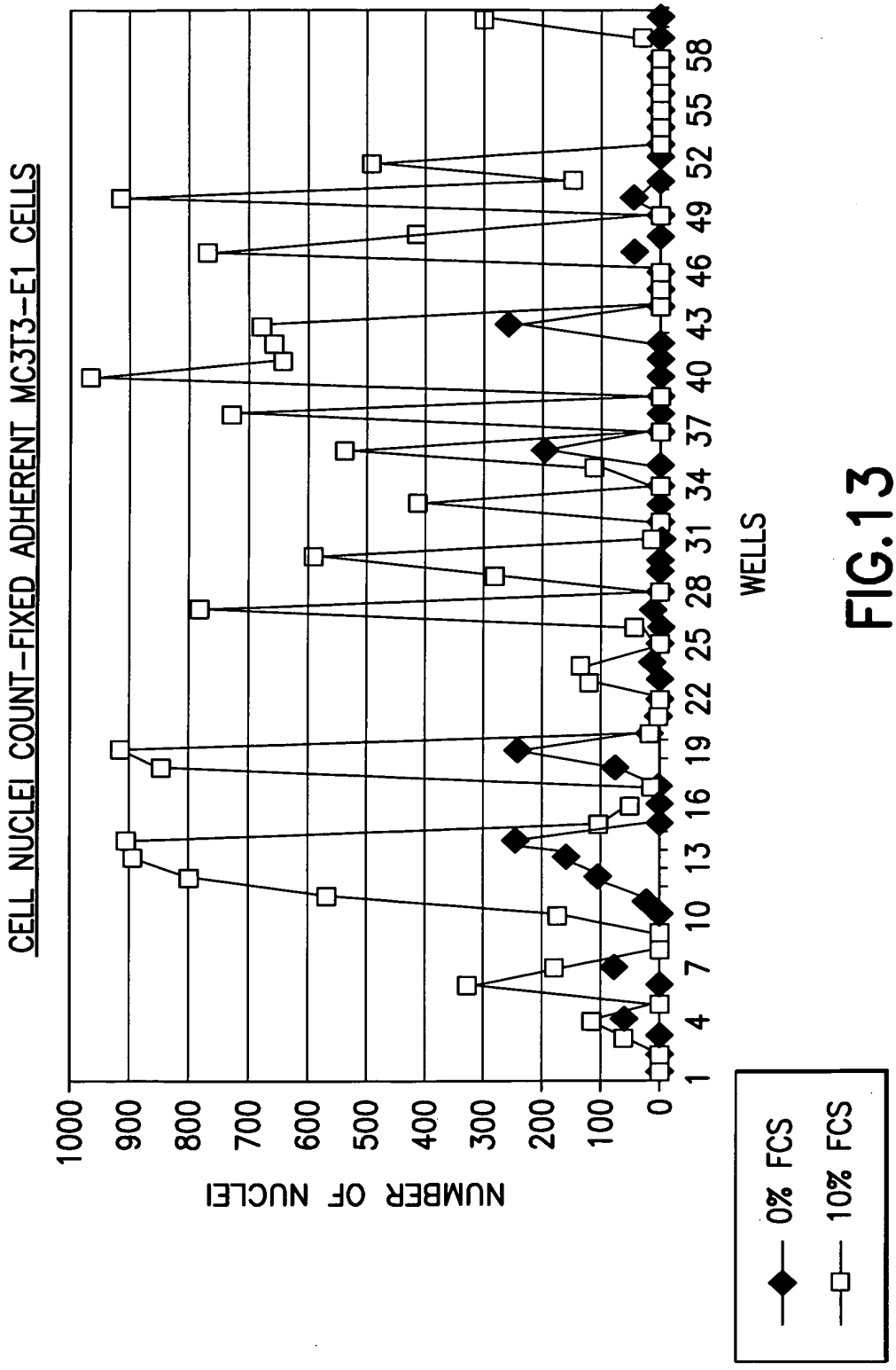
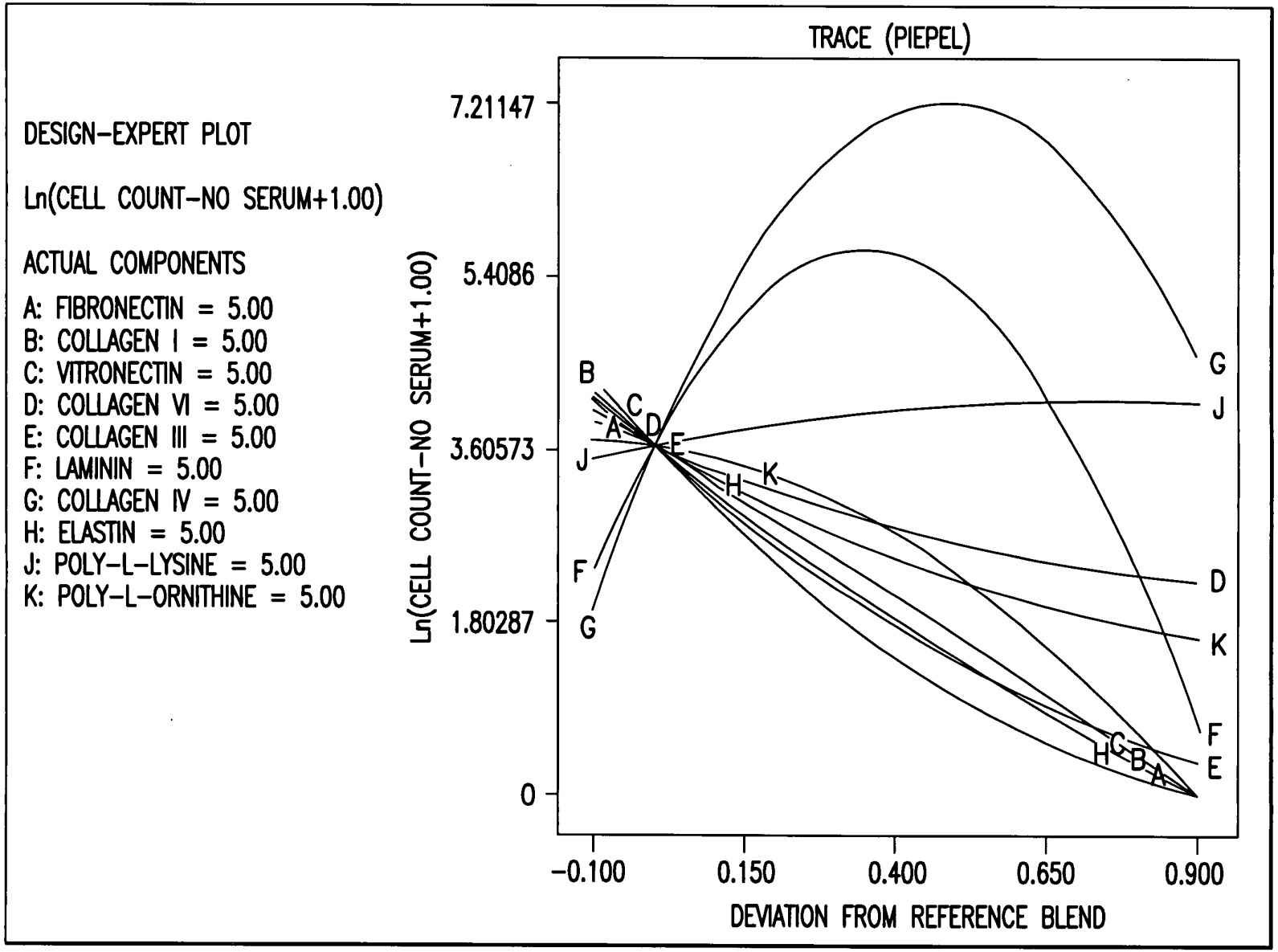

CELL NUCLEI COUNT-FIXED ADHERENT MC3T3-E1 CELLS
NUMBER OF NUCLEI
1000
900
800
700
600
500
400
300
200
100
0
1 4 7 10 13 16 19 22 25 28 31 34 37 40 43 46 49 52 55 58
WELLS
0% FCS
10% FCS

FIG.13

CELL COUNT - MC3T3 24HRS - NO SERUM



(HORIZONTAL AXIS ON PLOT IS LN(CELL COUNT + 1)

FIG.14

CELL COUNT - MC3T3 24HRS - 10% SERUM

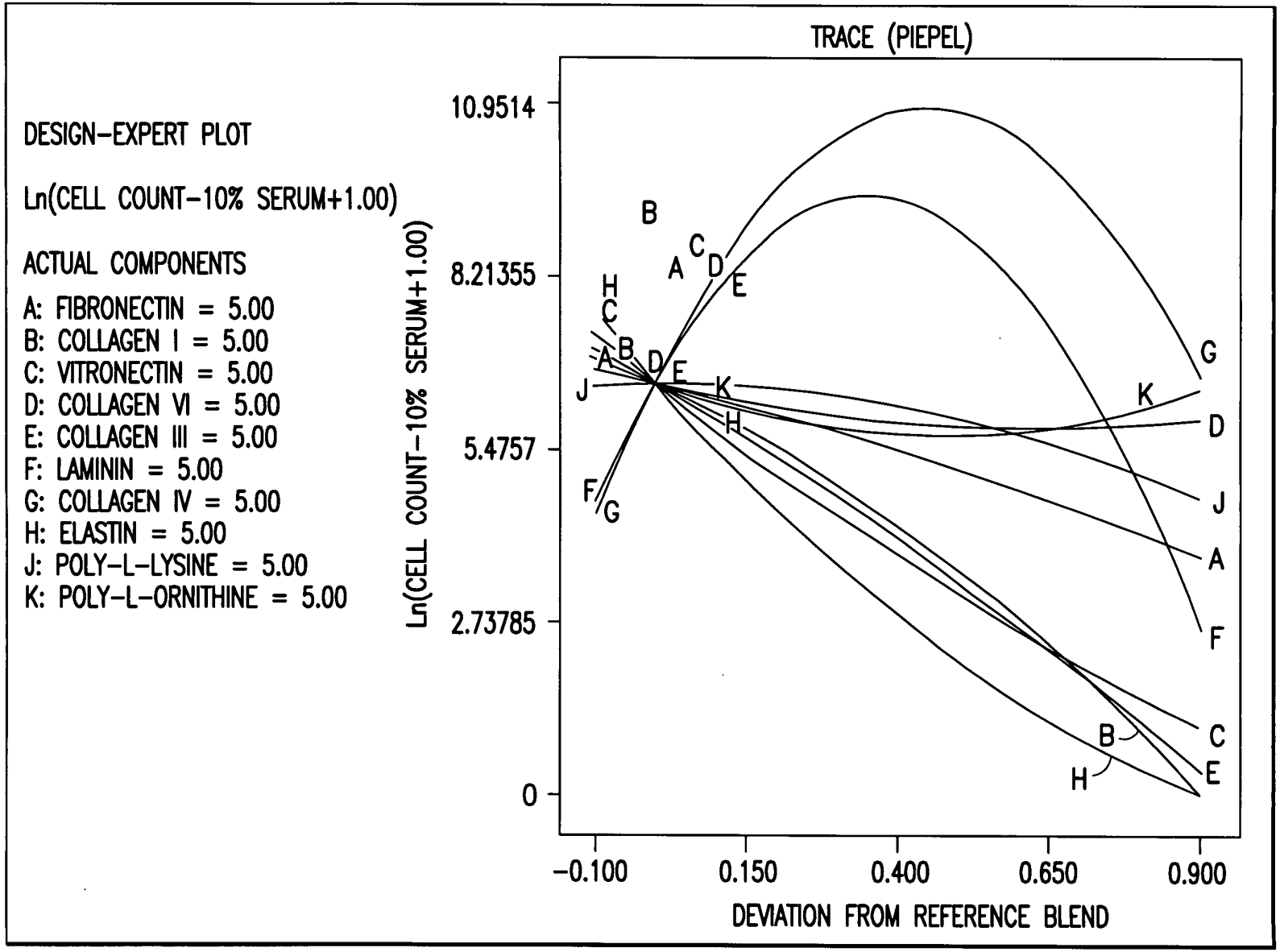


FIG.15

RUN	F01	F02	F03	F04	F05	F06	F07	F08
1	−1	−1	−1	1	−1	−1	−1	1
2	−1	−1	1	1	−1	−1	−1	−1
3	1	1	1	−1	−1	−1	−1	−1
4	1	1	1	−1	1	1	1	1
5	1	−1	1	1	1	−1	1	−1
6	−1	−1	−1	1	1	−1	−1	−1
7	1	−1	1	−1	−1	−1	1	−1
8	1	−1	1	−1	1	−1	−1	1
9	−1	1	1	1	1	1	−1	−1
10	1	1	1	1	−1	−1	−1	−1
11	−1	−1	−1	−1	−1	1	1	−1
12	1	−1	−1	−1	−1	−1	1	1
13	1	1	1	−1	−1	1	1	1
14	−1	−1	−1	1	1	−1	1	1
15	1	−1	−1	1	1	1	1	1
16	−1	1	−1	1	−1	−1	−1	1
17	−1	−1	1	−1	−1	−1	1	1
18	1	−1	−1	−1	1	1	−1	1
19	1	1	−1	−1	−1	−1	1	−1
20	1	−1	−1	1	−1	1	1	1
21	−1	−1	−1	−1	1	−1	−1	−1
22	1	−1	1	−1	1	−1	−1	−1
23	−1	−1	1	−1	−1	1	1	1
24	−1	1	−1	−1	1	1	1	−1
25	−1	1	−1	1	−1	−1	1	−1
26	1	1	1	1	1	1	1	1
27	−1	1	1	1	−1	1	1	1
28	−1	1	−1	−1	−1	1	1	−1
29	1	1	−1	1	1	1	1	−1
30	1	−1	−1	1	−1	−1	1	1

FIG.16A−1

FIG.16A−1

FIG.16A−2

FIG.16A

31	−1	1	1	−1	1	−1	1	−1
32	1	1	−1	1	−1	1	−1	−1
33	1	1	−1	−1	−1	−1	−1	1
34	1	1	1	1	−1	−1	1	1
35	−1	−1	−1	1	−1	−1	1	−1
36	1	−1	−1	−1	−1	1	−1	−1
37	−1	1	−1	−1	1	−1	1	−1
38	1	1	1	1	1	−1	−1	−1
39	1	1	−1	−1	1	1	1	1
40	−1	1	1	1	−1	1	−1	1
41	1	−1	1	1	−1	1	−1	1
42	1	1	1	−1	1	−1	1	−1
43	−1	−1	1	−1	1	1	1	−1
44	−1	1	1	1	1	−1	−1	1
45	−1	1	1	−1	1	1	−1	1
46	1	1	−1	1	1	−1	1	−1
47	1	−1	−1	−1	1	−1	−1	1
48	−1	1	−1	1	1	1	−1	1
49	−1	−1	1	1	1	1	1	−1
50	−1	−1	1	1	−1	1	1	1
51	−1	−1	1	1	1	−1	1	1
52	1	1	−1	1	−1	1	−1	−1
53	−1	−1	−1	−1	1	1	−1	−1
54	−1	1	−1	−1	−1	1	−1	−1
55	1	−1	−1	1	1	1	−1	1
56	−1	1	−1	−1	1	−1	−1	1
57	−1	−1	1	−1	−1	1	−1	1
58	−1	1	1	−1	−1	−1	−1	1
59	1	−1	1	−1	−1	1	−1	−1
60	1	−1	1	1	1	1	−1	−1

FIG. 16A−2

F09	F10	F11	F12	F13	F14	F15	F16	F17
1	−1	1	1	−1	1	−1	1	−1
1	−1	−1	−1	1	1	−1	1	1
1	1	−1	−1	−1	−1	1	−1	−1
−1	−1	1	1	1	1	1	−1	−1
1	−1	−1	1	−1	−1	1	1	1
−1	1	−1	−1	−1	1	1	−1	1
−1	1	−1	1	1	1	−1	1	−1
−1	−1	1	1	1	−1	1	1	1
−1	−1	−1	1	1	−1	−1	−1	−1
−1	1	1	−1	−1	−1	−1	1	−1
−1	−1	−1	1	−1	−1	−1	1	1
−1	−1	−1	−1	1	−1	−1	−1	1
1	1	−1	−1	−1	−1	−1	1	1
−1	1	−1	1	−1	−1	−1	1	−1
−1	−1	−1	−1	−1	1	1	−1	−1
−1	−1	1	−1	1	1	1	−1	1
−1	1	1	−1	1	−1	1	−1	−1
1	−1	1	−1	1	−1	−1	−1	1
−1	−1	1	1	−1	1	1	−1	1
−1	1	−1	1	−1	−1	1	−1	−1
1	1	−1	1	1	−1	1	−1	1
1	−1	−1	1	−1	1	1	1	−1
−1	1	1	1	1	−1	−1	1	1
1	1	1	1	−1	−1	1	1	1
−1	1	1	1	−1	1	1	1	1
1	1	1	1	1	1	1	1	1
1	−1	−1	1	1	1	1	1	−1
1	1	−1	1	−1	1	−1	−1	−1
−1	1	1	1	1	1	−1	−1	−1
1	−1	1	1	1	1	−1	−1	1

FIG.16B−1

FIG.16B−1

FIG.16B−2

FIG.16B

−1	−1	1	−1	−1	1	−1	1	1
1	−1	−1	1	1	1	−1	1	1
1	−1	−1	−1	−1	1	−1	−1	−1
1	1	1	−1	−1	−1	−1	−1	1
1	1	1	−1	1	−1	1	−1	−1
−1	1	1	−1	1	1	−1	1	−1
1	−1	1	−1	1	−1	−1	1	−1
−1	−1	1	1	−1	−1	−1	−1	1
1	−1	−1	−1	−1	−1	1	1	−1
−1	−1	1	−1	−1	1	1	1	−1
−1	−1	−1	1	−1	−1	1	−1	1
−1	1	−1	−1	1	1	1	−1	1
1	−1	1	−1	−1	1	−1	−1	1
1	1	1	1	−1	−1	−1	−1	−1
−1	1	−1	−1	−1	1	−1	−1	1
1	−1	−1	−1	1	−1	−1	1	−1
−1	1	1	1	−1	1	−1	1	−1
−1	1	−1	−1	1	−1	−1	1	1
−1	−1	−1	−1	1	1	−1	−1	−1
1	−1	1	−1	−1	−1	1	−1	−1
1	1	−1	−1	1	1	1	1	1
−1	1	−1	−1	1	−1	1	1	1
−1	−1	1	−1	−1	−1	1	1	−1
1	−1	1	1	1	−1	1	−1	1
1	1	1	−1	−1	1	1	1	1
1	1	−1	1	1	1	1	−1	−1
1	1	−1	1	−1	1	−1	−1	1
−1	−1	−1	1	1	−1	1	1	−1
1	1	1	−1	1	1	1	1	−1
1	1	1	1	1	−1	−1	−1	−1

FIG.16B−2

F18	F19	F20	F21	F22	F23	F24	F25	F26
−1	−1	1	−1	−1	1	−1	1	1
−1	1	−1	1	−1	−1	−1	1	−1
−1	1	1	−1	1	1	−1	1	−1
−1	−1	−1	1	1	−1	−1	−1	−1
−1	1	1	1	1	−1	−1	1	1
1	−1	1	−1	1	−1	−1	−1	1
1	−1	−1	1	−1	−1	1	1	1
1	−1	−1	1	1	1	1	1	−1
−1	−1	−1	−1	1	1	−1	1	1
−1	−1	1	1	−1	1	1	−1	1
−1	1	1	−1	1	−1	1	−1	−1
1	−1	1	1	−1	1	−1	1	−1
−1	−1	−1	−1	1	−1	−1	−1	1
−1	1	−1	1	1	1	−1	1	−1
−1	−1	1	−1	−1	−1	1	1	−1
−1	1	−1	−1	1	−1	−1	1	1
−1	1	−1	−1	1	−1	1	1	1
−1	−1	1	−1	1	1	1	−1	1
−1	1	−1	−1	−1	1	−1	−1	1
1	1	1	−1	1	1	1	1	−1
−1	−1	−1	1	−1	−1	1	−1	1
1	−1	1	−1	−1	1	−1	−1	1
1	1	1	−1	−1	−1	−1	−1	1
1	1	−1	−1	−1	−1	−1	1	1
−1	−1	1	1	1	1	1	−1	−1
1	1	1	1	1	1	1	1	1
−1	−1	−1	−1	1	1	−1	−1	−1
1	−1	−1	1	−1	1	1	1	−1
−1	−1	1	1	−1	−1	−1	−1	1
1	1	1	1	−1	−1	−1	−1	−1

FIG.16C−1

FIG.16C−1

FIG.16C−2

FIG.16C

1	−1	1	−1	1	−1	−1	1	−1
1	1	−1	−1	1	1	1	1	1
1	1	−1	1	1	−1	1	−1	1
1	−1	−1	−1	−1	1	−1	−1	−1
1	−1	−1	1	1	1	−1	1	1
1	−1	−1	−1	1	−1	−1	1	−1
−1	1	1	1	−1	1	1	1	1
−1	−1	−1	1	1	−1	1	1	−1
1	−1	−1	1	−1	−1	−1	1	1
1	1	1	1	−1	−1	1	1	1
1	1	−1	1	−1	1	−1	−1	1
1	1	1	−1	−1	1	1	1	1
1	1	−1	1	1	1	1	−1	−1
1	1	−1	−1	−1	−1	1	−1	−1
−1	1	1	1	−1	1	−1	1	−1
1	1	1	−1	1	−1	1	−1	−1
−1	1	−1	−1	1	1	1	−1	1
1	−1	1	1	1	1	−1	−1	1
−1	1	−1	−1	−1	1	1	−1	1
1	−1	1	1	1	−1	1	−1	1
−1	−1	−1	−1	−1	1	1	−1	−1
−1	1	−1	1	−1	−1	1	−1	−1
1	1	−1	1	−1	1	−1	−1	−1
−1	−1	1	−1	−1	1	1	1	−1
1	−1	−1	−1	−1	−1	1	1	−1
1	1	1	1	1	−1	−1	−1	−1
1	1	−1	1	−1	1	−1	−1	1
1	−1	1	−1	−1	−1	1	−1	−1
−1	1	1	1	1	1	−1	−1	−1
−1	1	1	−1	−1	−1	−1	1	−1

FIG.16C−2

F27	F28	F29	F30
1	−1	1	−1
−1	1	−1	1
1	−1	−1	−1
1	−1	−1	−1
1	1	1	−1
−1	−1	1	−1
−1	1	1	1
−1	−1	−1	−1
−1	1	−1	1
−1	1	−1	−1
−1	1	−1	−1
−1	−1	1	−1
1	−1	−1	1
1	−1	−1	1
1	1	−1	1
1	−1	1	1
−1	1	−1	1
−1	1	−1	−1
−1	1	1	1
−1	1	1	1
1	1	−1	1
1	1	−1	1
1	−1	−1	−1
−1	−1	−1	−1
−1	−1	−1	1
1	1	1	1
−1	1	−1	−1
1	−1	1	−1
−1	−1	−1	1
1	1	−1	−1

FIG.16D−1

FIG.16D−2

FIG.16D

FIG.16D−1

−1	1	1	−1
−1	−1	−1	−1
−1	−1	−1	1
1	1	−1	1
1	1	−1	−1
1	1	1	−1
−1	−1	1	1
1	−1	1	−1
−1	1	1	−1
1	1	−1	−1
−1	−1	1	1
1	−1	−1	−1
1	1	1	1
−1	1	1	−1
−1	1	−1	−1
1	−1	−1	1
1	1	1	−1
1	1	1	1
1	−1	1	−1
−1	−1	1	−1
−1	−1	1	−1
1	1	1	−1
1	−1	−1	1
1	1	1	1
−1	−1	−1	1
−1	1	1	−1
1	−1	−1	1
1	−1	1	1
−1	−1	1	1
−1	−1	1	1

FIG.16D−2

MPM FACTOR	FACTOR
F01	SONIC HEDGEHOG AMINO-TERMINAL PEPTIDE (SHH-N)
F02	BMP-COCKTAIL
F03	CHOLESTEROL (WATER SOLUBLE FORMULATION)
F04	LEPTIN (HUMAN, RECOMBINANT)
F05	PROLACTIN (HUMAN, RECOMBINANT)
F06	CILIARY NEUROTROPHIC FACTOR (CNTF) (HUMAN, RECOMBINANT)
F07	AMPHIREGULIN (LONG FORM, RECOMBINANT)
F08	FIBROBLAST GROWTH FACTOR-8c (FGF-8c) MOUSE, RECOMBINANT)
F09	FIBROBLAST GROWN FACTOR-7 (FGF-7)=KGF
F10	VASOACTIVE INTESTINAL PEPTIDE (VIP)
F11	GASTRIN/CCK8-COCKTAIL
F12	NEUROPEPTIDE Y
F13	THROMBIN/TXA2-COCKTAIL
F14	C NATRIURETIC PEPTIDE) (HUMAN, PORCINE, RAT: FRAG 32-53)(CNP)
F15	INTERLEUKIN-3 (IL-3) (HUMAN, RECOMBINANT)
F16	INTERLEUKIN-18 (IL-18) (HUMAN, RECOMBINANT)
F17	MIDKINE (MK) (HUMAN, RECOMBINANT)
F18	NEURTURIN (NTN)
F19	DIBUTYRYL CYCLIC AMP
F20	DMF (n n DIMETHYLFORMAMIDE); A POLAR SOLVENT
F21	CYCLOHEXIMIDE (ACTIDIONE)
F22	PLATELET-DERIVED ENDOTHELIAL CELL GROWTH FACTOR (PD-ECGF) (AKA THYMIDINE PHOPHORYLASE)
F23	LAMININ
F24	TRANSFORMING GROWTH FACTOR BETA3 (HUMAN, RECOMBINANT)
F25	ESTRADIOL, BETA (WATER SOLUBLE FORMULATION)
F26	HYDROCORTISONE
F27	NUCLEAR FACTOR OF ACTIVATED T CELLS (NFAT) PROTEINS (NFAT1-NFAT5)
F28	HEPATOCYTE GROWTH FACTOR (HGF, SCATTER FACTOR)
F29	GROWTH HORMONE
F30	BRAIN-DERIVED NEUROTROPHIC FACTOR (BDNF) (HUMAN, RECOMBINANT)

FIG.17a

FIG.17a
FIG.17b

FIG.17

RECEPTOR	CLASSIFICATION
PATCHED (PTCH-1)/ PTCH-2/SMO (SMOOTHENED)	7-PASS TRANSMEMBRANE/ 7-PASS TRANSMEMBRANE/GPCR
BMPRc-1A, BMPRc-1B, BMPRc-2	BMPR-SER/THR KINASE
LDL Rc/SR-BI	CHANNELS & MEMBRANE TRANSPORTERS
LEPTIN RECEPTOR	CYTOKINE Rc
PROLACTIN RECEPTOR	CYTOKINE Rc
CNTFR-ALPHA + GP130 + LIF Rc	CYTOKINE Rc
EGFR	EGFR-TYROSINE KINASE
FGF Rc FAMILY	EGFR-TYROSINE KINASE
FGF Rc FAMILY	EGFR-TYROSINE KINASE
VPAC1R/VPAC2R	GPCR
CCK-B/GASTRIN Rc	GPCR
NEUROPEPTIDE Y Rc FAMILY (Y1-Y6)	GPCR
THROMBOXANE A2 RECEPTOR	GPCR
GUANYLATE CYCLASE B (GC-B) Rc (ANPR-A & ANPR-B)	GUANYLYL CYCLASE
IL3Rc-BETA (AKA GMCSFRc)/IL3Rc-ALPHA	IL-CYTOKINE Rc
IL-18Rc	IL-CYTOKINE Rc
PTPZETA	MISCELLANEOUS
GFRα1/GFRα2/C-RET	MISCELLANEOUS
cAMP RECEPTOR PROTEIN KINASE (PKA)	SER/THR KINASE
NOT RECEPTOR MEDIATED	SMALL MOLECULE
NOT RECEPTOR MEDIATED	SMALL MOLECULE
NOT RECEPTOR MEDIATED	SMALL MOLECULE
LAMININ-ELASTIN Rc/ALPHA6 BETA4 INTEGRIN	SURFACE-MATRIX RECEPTOR
TGFBRc-1, TGFBRc-2, TGFBRc-5	TGFBR-SER/THR KINASE
ESTROGEN RECEPTOR-ALPHA (ER-A)/ESTROGEN RECEPTOR-BETA (ER-B)/ESTROGEN-RELATED RECEPTOR ALPHA (ERR-A)/ESTROGEN-RELATED RECEPTOR BETA (ERR-B)	TRANSCRIPTION FACTOR
HYDROCORTISONE Rc	TRANSCRIPTION FACTOR
NOT RECEPTOR MEDIATED	TRANSCRIPTION FACTOR
c-MET (HGFR)	TYROSINE KINASE
GH RECEPTOR	TYROSINE KINASE
TrkB	TYROSINE KINASE

FIG.17b